07/14/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Barrow, et al.

Docket:

50019.0226US01/PO5298

Title:

System and Method For Generating Minimum On-Time Pulses

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV155481375US

Date of Deposit: July 14, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop Patent Application, Commissioner for Patents,

P.O. Box 1450, Alexandria, VA 22313-1450.

By: || LUL LULE Name: Tricia L. Alley

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- Utility Patent Application: Spec. 14 pgs., including 20 claims; Abstract 1 pgs. The fee has been calculated as shown below in the 'Claims as Filed' table.
- 4 sheets of formal drawings
- Nonpublication Request under 37 CFR 1.213(a)
- A signed Combined Declaration and Power of Attorney
- Assignment of the invention to National Semiconductor Corporation, Recordation Form Cover Sheet
- A check in the amount of \$750.00 to cover the Filing Fee
- △ A check for \$40.00 to cover the Assignment Recording Fee.
- Application Data Sheet, 4 pages.
- Return postcard

CLAIMS AS FILED

CONTINUE NO LIBER					
Number of Claims Filed	In Excess of:	Number	Rate		Fee
•		Extra	}	}	1
Basic Filing Fee					\$750.00
Total Claims					
20	- 20	= 0	x 18.00	=	\$0.00
Independent Claims					
3	-	= 0	x 84.00	=	\$0.00
MULTIPLE DEPENDENT CLAIM FEE					\$0.00
TOTAL FILING FEE			-		\$750.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.

P.O. Box 2903, Minneapolis, MN 55402-0903

(612) 332-5300

Name: Brett A. Hertzberg

Reg. No.: 42,660

Initials: BAH

23552

(PTO TRANSMITTAL - NEW FILING)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Barrow et al.

Examiner:

Not yet assigned

Application No.:

Not yet assigned

Group Art Unit:

Not yet assigned

Filed: Title:

Docket: July 14, 2003 SYSTEM AND METHOD FOR GENERATING MINIMUM ON-TIME

50019.226US01/P05298

PULSES

CERTIFICATE UNDER 37 CFR 1.10

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Box 1450, Alexandria, VA 22313-1450

NONPUBLICATION REQUEST UNDER 37 C.F.R. §1.213(a)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The patent application identified above is not to be published under 35 U.S.C 122(b).

The undersigned hereby certifies that the invention disclosed in the patent application identified above has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Respectfully submitted,

MERCHANT & GOULD P.C. P.O. Box 2903 Minneapolis, MN 55402-0903 206.342.6200

Date: July 14, 2003

PATENT TRADEMARK OFFICE

Name: Brett A. Hoftzberg Reg. No.: 42,660/